

Converting Colors

XYZ(57.9188, 57.8961, 80.7955)

Have a look what the booklet for
XYZ(57.9188, 57.8961, 80.7955)
contains.

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Color

**XYZ(57.9188, 57.8961,
80.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5E3
RGB	201, 197, 227
RGB Percent	79%, 77%, 89%
CMY	0.2118, 0.2274, 0.1098
CMYK	0.11, 0.13, 0.00, 0.11
HSL	248°, 35%, 83%
HSV	248°, 13%, 89%
XYZ	57.9188, 57.8961, 80.7955
YIQ	201.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

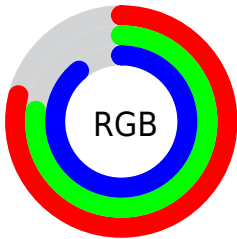
Format	Color
R_{YB}	201, 197, 227
Decimal	13223395
CIE Lab	80.68, 7.17, -14.38
CIE LCh	81, 16.065, 296.514
Yxy	57.8961, 0.2946, 0.2945
Android (android.graphics.Color)	4291413475 (0xFFC9C5E3)
YUV	201.6160, 12.5143, -0.5402
Hunter-Lab	76.0895, 2.7164, -9.6944

Details

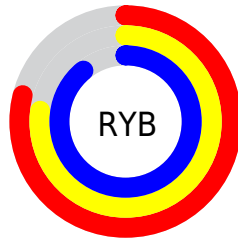
The XYZ color **57.9188, 57.8961, 80.7955** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.9807, 74.6589, 63.6538**, and the grayscale version is **55.8291, 58.7366, 63.9642**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.3015, 28.8265, 43.0494** is the 20% darker color. If you saturate the color by 10%, you get **48.1931, 45.7993, 78.9741**, and if you desaturate by 10%, it is **69.1017, 71.8992, 82.9099**.

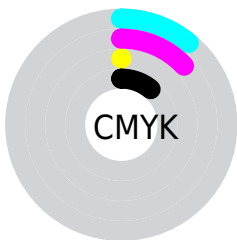
Distribution



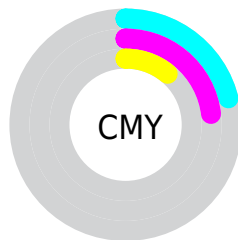
- Red (79%)
- Green (77%)
- Blue (89%)



- Red (79%)
- Yellow (77%)
- Blue (89%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9188, 57.8961, 80.7955 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.9188, 57.8961, 80.7955 by changing the saturation by 10% instead.

■ 57.9188, 57.8961,
80.7955

■ 57.9188, 57.8961,
80.7955

406.8420,
416.7987, 517.3870

■ 41.9864, 41.7251,
59.8432

100.9282,
101.7715, 136.3051

■ 29.2817, 28.8861,
42.8678

128.7360,
130.2448, 171.6994

■ 19.4394, 18.9947,
29.4507

161.2329,
163.5876, 212.7448

■ 12.0941, 11.6664,
19.1736

198.7843,
202.1844, 259.8598

■ 6.8804, 6.5170,
11.6177

241.7555,
246.4194, 313.4630

■ 3.4331, 3.1619,
6.3645

290.5120,

■ 1.3867, 1.2168,

296.6773, 373.9729

2.9956

345.4191,
353.3422, 441.8081

■ 0.2467, 0.0754,
1.0924

■ 0.0000, 0.0000,
0.0000

■ 57.9188, 57.8961,
80.7955

■ 57.9188, 57.8961,
80.7955

■ 48.1931, 45.7993,
78.9741

■ 69.1017, 71.8992,
82.9099

■ 39.8591, 35.5193,
77.4291

■ 81.7930, 87.8787,
85.3253

■ 32.8543, 26.9701,
76.1481

■ 90.8653, 98.3261,
86.8637

■ 27.1092, 20.0559,
75.1164

■ 22.5480, 14.6716,
74.3175

■ 19.0866, 10.6995,
73.7332

■ 16.6293, 8.0049,
73.3426

■ 15.0635, 6.4260,
73.1204

■ 14.4081, 5.8259,
73.0391

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.6425, 57.8961, 83.0381



57.9188, 57.8961, 80.7955



60.5089, 57.8961, 73.6393

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9188, 57.8961, 80.7955



58.6150, 57.8961, 49.0268



48.9174, 57.8961, 61.9374

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9188, 57.8961, 80.7955



67.9807, 74.6589, 63.6538

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.8895, 57.8961, 53.5082



57.9188, 57.8961, 80.7955



55.4163, 57.8961, 46.5402

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9188, 57.8961, 80.7955



60.9220, 57.8961, 55.2473



52.2360, 57.8961, 48.0956



49.5279, 57.8961, 71.5309

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9188, 57.8961, 80.7955



61.4521, 57.8961, 67.3857



52.2360, 57.8961, 48.0956



49.0689, 57.8961, 58.8834

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9205, 57.8985, 80.7968



88.7039, 92.0255, 107.6952



63.4144, 70.4609, 82.9320



18.7384, 19.3862, 23.0042



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9205, 57.8985, 80.7968



71.5527, 70.5735, 104.4586



62.0048, 60.0040, 80.9879



13.7605, 13.9788, 18.1172



8.4578, 3.4261, 42.5987



0.6826, 0.2829, 3.1506

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.9661, 61.5937, 78.2795



82.5241, 76.3292, 100.4671



63.7022, 72.4533, 63.4535



14.9081, 14.5804, 17.7166



24.3674, 11.8812, 31.8932



1.8237, 0.8872, 2.4781

Previews

White Background



This preview shows how the XYZ color 57.9188, 57.8961, 80.7955 looks on a white background.

Color Contrast Check

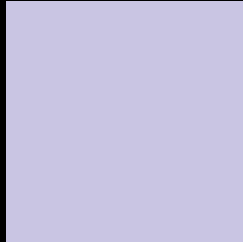
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9188, 57.8961, 80.7955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

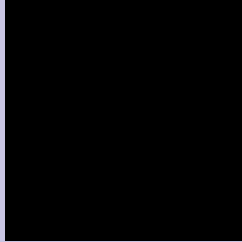
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9188, 57.8961, 80.7955

Background



This preview shows how black text looks on a background with the XYZ color 57.9188, 57.8961, 80.7955.



This preview shows how white text looks on a background with the XYZ color 57.9188, 57.8961,

80.7955.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9188, 57.8961, 80.7955

Protanopia

56.9327, 58.0504, 81.6030

Deuteranopia

59.1124, 57.8417, 80.7220



Tritanopia

56.2424, 57.8953, 72.5006

Trichromacy



Original Color

57.9188, 57.8961, 80.7955

Protanomaly

57.2236, 57.8599, 81.5509

Deuteranomaly

58.7819, 58.0050, 80.7710

Tritanomaly

56.7997, 57.7820, 75.1772

Monochromacy



Original Color

57.9188, 57.8961, 80.7955

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7693, 58.5683, 69.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9188, 57.8961, 80.7955 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.9188, 57.8961, 80.7955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 197, 227) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(201, 197, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(201, 197, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9188, 57.8961, 80.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
197, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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